1960 List of ORCHID PLANTS U.S. Department of Agriculture

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MAIL ORDERS ONLY.

We are primarily growers and wholesalers of cut-flower orchids and are not organized to handle retail sales at our nursery. We are continually growing new Hybrids to obtain new colors and types and improved quality. We grow extra seedlings and because of the natural increase thru grouth of our mature plants we have a surplus to offer our customers.

PRICES AND DISCOUNTS.

Our prices are lower than those usually asked for plants of compareable quality. We offer discounts in the form of free plants with orders amounting to \$25.00 or more. The larger the order the more FREE PLANTS . Special quotations on large orders to growers.

SHIPPING. Our prices on seedlings in  $1\frac{1}{2}$  inch pots enclude postal or shipping charge. Plants in 2 inch pots and larger are sent carrying charges collect. We advise Shipment by Railway Express on all but the smallest orders as the plants may be insured when shipped Express, which can not be done with mail shipments of Plants. WE DO NOT SHIP PLANTS IN POTS, except the light  $1\frac{1}{2}$  inch pot size. The pots would only be broken in transit anyway and might damage the plants enroute and the extra expense would be much more than the value of the pots. We do not ship plants during peroids when cold weather may be expected enroute while the plants are in transit, EXCEPT when you request us to do so At YOUR RISK.

GROWING INSTRUCTIONS.

We do not advise spending money of Correspondence courses in orchid culture. More and better information is available in the many books about orchids that are available at less expense thru your book store or library. We have primary growing instructions and cultural notes which are free for the asking and if you have a cultural problem not covered in the orchid books we will be glad to offer suggestions if you will send us details.

PLEASE do not ask us to ship plants in flower or to send plants that will be sure to flower on any certain day. Flowers and buds are certain to be damaged enroute and there are two many inviremental factors envolved that may delay or hasten the development of the flowers.

NO C.O.D. ORDERS.

Please do not ask us to ship plants C.O.D. Shipping charges can be sent collect but not the cost of the plants. Because there are a few dishonest people we have had to make this a rule.

FLOWERING SEASONS of plants given in our lists is the time of the year when they flower for us here in this part of California. Many factors effect the flowering season which may be changed by your growing condition and the seasonal day-lenght in your locality.

> FRANKLIN W. GAMBLE. ORCHID SPECIALIST. 62 Shell Road. Mill Valley California

# List of Chally Is. NTS

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> FRANTIN W. Columbia . IELINIDES Wingo 61 Shell Room. Mil Valley refrest etal)

## mature, Flowering size Cattleya Hybrids.

During 1959 we received orders for almost twice as many mature Cattleya plants as we had to offer and many of our customers whose orders we could not fill last year have asked us to keep the orders and fill them this year. Therefor, Entil we can fill these orders during our repotting season this year from the surplus plants which we can spare from our cut-flower stock and can inventory the plants available after these orders are filled, we can offer only the mature plants listed below and we do not have very many of these available.

Cattleya Sydney T. Wright. The hybrid of C. Eleanore Alba and Cattleya Leopoldii. A bifoliate hybrid with sprays of 4 to 8 flowers from 5 to 62 inches in diameter in unusual shades of plum, bronze and lavender. Flowering size plants at \$7.50 each. (Summer thru Fall flowering)

Laelia-Cattleya Elmstead Gem. Another new bifoliate producing clusters of 3 to 4 inch flowers in green and yellow shades. Last year when we offered these we TRIED to tell our customers that the color of the flowers will vary according to the amount of light, degree of temperature and amount and type of plant food given the plants and plants that have flowered GREEN for us have been yellow flowered for some of our customers and the reverse has also happened. This same variation in color can be expected with Cymbidiums, especially the green flowered types. Many an crchid grower has been blamed by thier customer for misrepresentation. of flower color when the truth was that the customer did not understand or could not provide the cultural conditions required to flower a good green variety. So this year we only promise to select plants that have flowered EITHER yellow, Green or Chartruse FOR US. Flowering size plants which flower during the fall season in California (for us. \$10.00 each.

#766. (White flowered Cattleya Cowaniae) Crossed to Red Flowered Cattleya Chamberlianana. A new hybrid with one-fourth bifoliate parentage. Just starting to flower during the winter of 59-60. very variable in color ranging from light to dark lavender and purple shades, mostly with full lips, a few with spade lips. Not marked as to color but all the plants offered here have flowered or will flower with proper care within a year. First flowers have been from 5½ to 6½ inches in diameter. \$5.00 each.

Laelia-Cattleya Topaz. A L. Cinnabarina Hybrid. Sprays of star shap ed flowers 3 to 4 inches in diameter, orange-yellow to orange-red in color with rose colored lips. Only siz plants available at \$7.50 each.

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As stated at the top of this page, we hope to have a number of plants of the large flowered conventional type cattleya hybrids to offer later this year at \$5.00 each.

elk-Horn Ferns. These are not orchids but exotic ferns that grow on trees like orchids do in thier natural state. Large fronds resembling Elk-horns in that they branch and fork. Established plants mounted on bark and wood which may be hung on the wall or from the ceiling of your greenhouse. Offered to our orchid customers at one-form of what they often sold for by others. When ordered with orchids we offer them at \$2.50 each. Native to Queensland in Australia.

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#756. (White flowered Cattleya Cowaniae) Crossed to Red Flowered Cattleya Chamberlianans. A new hybrid with one-fourth bifoliate parentage. Just starting to flower during the winter of 59-60. very variable in color ranging from light to dark lavender and purple shades, mostly with full lips, a few with spade lips. Not marked as to color but all the plants offered here have flowered or will flower with proper care within a year. First flowers have been from 5% to 6% inches in diameter. \$5.00 each.

Laelia-Cattleys Topas. A L. Cinnabarina Hybrid. Sprays of star shap ed flowers 3 to 4 inches in diameter, orange-yellow to orange-red in color with rose colored lips. Only siz plants available at 97.50 each.

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BLK-HORN FERNS. These are not orchids but excit ferns that grow on trees like orchids do in thier natural state, large fronds resembling Elk-horns in that they branch and fork. Established plants mounted on bark and wood which may be hung on the wall or from the ceiling of your greenhouse. Offered to our orchid customers at one-for what they often sold for by others. When ordered with orchids we offer them at \$2.50 each. Native to Queensland in Australia.

PHALAEMOPSIS. Also known as Moth orchids.

We do not recomend these as house plants as they require more humidity and more even temperature than is available in most homes. If you have White Flowered Only. a greenhouse they are worth trying.

Phalaenopsis Doris. Young plants with first flower spikes, grown in bark and shipped out of pots. Priced according to size and quality of flowers at \$2.50... \$5.00 and higher for exceptionally fine variet.

Small Flowered Phalaenopsis Hybrids, experimental crosses from other growers that we have grown on to flowering size. Small white flowers. Plants grown in bark and shipped out of pats. \$1.50 and \$2.00 each. Plants grown in bark and shipped out of pats. \$1

Miltonias (Pansy Orchids)

Recomended only for those living where summer temperatures can be kept below 80 degrees in the growing area most of the time. Cultural instruction for these available free.

Flowering size plants. Our selection of four different colors and marking from our stock of white, pink and rose shades with various colored markings. Four plants for \$10.00.

Odontonia Marin. A beautifull orchid requireing cool growing conditions If you are interested in these we can send you color slides and quote prices. No two exactly alike in color and markings. \*\*\*\*\*\*\*\*\*\*

Oncidiums. (Dancing lady orchids) May be grown with Cattleyas. Oncidium Sarcodes. Long sprays of golden brown and yellow flowers during spring months. Flowers last for weeks under good growing conditions Flowering size plants at \$5.00 each.

Oncidium Nona. A hybrid with larger flowers than above but not as many to the spray. Golden -brown petals and a large yellow lip. Flowering size plants at \$5.00 each.

MILTONIDIUM Lee Hirsch.

This is our hybrid of Miltonia Spectabilis and Oncidium Rogersii Known all over the world and classified by many as the best of all Oncidium hybrids . Large Cream to deep yellow flowers shaped like Onc. Rogersii but much larger. Only a few flowering size divisions available at \$10.00 each. These require skill in growing to perfection and must never be overwatered or subjected to extream heat or too much light.

Dendrobiums. This is a very popular type of spray orchid with those whom have learned not to overwater them. There are hundreds of varieties of these available from verious growers. They sell so fast for us that most of the kinds offered last year are sold out. The following are divided into two classes to make it easier for you to select those suited to your growing conditions.

Class One. Those which may be grown with cattleyas. Dendrobium D'Albertissi. Rare variety with green petals and white lip. Antelope type flowers. only a few divisions avaiable at \$5.00 each.

Dend. Phalaenopsis x Dend. Schroderianum. Purple-red flowers on sprays shapped like the moth orchids. Small plants, flowering size \$\pi^2.00\$

Dendrobium Moschatum, fine variety selfed. Large apricot & peach colored blooms, pouch like lip. Small seedling plants averaging three inches high. Only a few available at \$2.00 each.

Philadilla Alco keesa as Noth orchids.

We do not recommed these as bouse plants as they require more humidity and mare oven bamperature than it evallable in magt bomes. If you have o great house they are worth trying. White Flowered Only.

Fhalkenopsis, Dories, Young plants with first-flower upikus, grown in bark and shipped out of pots. Friend according to sire and quality of flowers at \$2.50... \$5.00 and higher for exceptionally fine variet

Small Flowered Fhalaemopais R brids, experimental crosses from other growers that we have grown on to flowering size. Small white flowers. Plants grown in bank and shipped out of pots. 1.50 and 2.00 each.

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Dend: Phalachopsis x Dend. Schroderlanum. Furple-red flowers on serve shapped like tim moth orchids. Saull plants, flowering size 2.00

Dendropium Moschatum, fine variety salfed, Larga apricot & peach colored blooms, pouch like lip. Small soudling plants aver ging three inches high. Only a rew available at \$2.00 each.

Special Limited offer.

We have very few of each of the following and when these are sold there will be no more available, at least not for the several years it requires to grow them from seed.

Seedlings in la inch pots. #2. Aspasia Principissa x Miltonia Flavenscens #15. Oncidium Pulchellum.

#17. Diacrium Bicornutum x C. Granulosa

# 18. Cattleva Amethystoglossa x Diacrium Bicornutum

# 20. Oncidium Sprucei x Onc. Splendidium

# 19. Epidendron Vitellium x Diacrium Bicornutum
# 22. Dendrobium Jacquelym Thomas. White flowered.
# 23. Dendrobium Hololeucum x self. White flowered.

The above are priced at \$2.00 each.

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Flowering size or near flowering size. (Few of a Kind available)

- #1. Epidendron Difforme x Epidendron Floribunda. Chusters of green flowers on top of reed like stems from six to 10 inches tall. Should flower this year. \$3.50 each.
- # 8. Epidendron Fragrans x Brassovola Cordata. Cream & Chartruse flowers with shell shaped lips, each about  $1\frac{1}{2}$  inches in diameter. Plants of flowering size at \$3.00
  - # 10. Rodrequezia Secumda x Onc. Lanceanum. Even the the pollin was used from an Oncidium, these produce flowers alke the Specie Rodrequezia Secunda in coral to red shades, small flowers on each side of six to 15 inch long sprays. Flowering size at \$ 3.50

EpiCattleya Orpetii. The cross of Cattleya Amethystoglossa and Epidendron O'Brienianum. Lavender-cerise flowers larger than the usual Epidendron flowers on reed-like stems from 3 to 4 feet in height. Plants that should flower this year at \$2.50 each when ordered with large mature Cattleya or Cymbidium plants. Because of the lenght of the stems of this variety they require special long shipping b oxes so if they are ordered with small seedlings or seperately add \$1.00 to cover cost of special box and extra mailing charge.

Laelia Gouldiana. A selected form of this rare Mexican Laelia. Only a few divisions available at \$2.50 each. Should be flowered cool or the buds will drop off before they open.

Laelia Cinnabarina Laelia Harpophyllum.

A very few plants each of these two seldom seen Laelia Species with orange-red flowers. These propagations of selected plants grow twice the size of the average wild type. \$10.00 each. \*\*\*\*\*\*

During the summer of 1960 we expect to have other seedlings of very rare species and some new and unusual hybrids in very limited quantity. If your name is on our mailing lists you will receive these o Offers.

We have very few of each of the following and when these are sold there will be no more available, at least not for the several years it requires to grow them from seed.

Scedlings in la inch pots. Aspesia Principiesa x Milbonia Plavenscans

ls. Obsidium Pulchellum. 17. Discrius Bicornusum x C. Granulosa 18. Cattleya Amathyacoglossa x Diacrum # 18. Cattleva Amethystoplessa x Discrium Bicornutum # 20. Oncidium Sprucei x Onc. Spiendidium # 19. Epidendron Vitellium x Discrium Bicornutum

22. Dendrobium Jacquelym Thomas, White flowerel. 2) Dendrooten Hololevoum x solf. White thowever.

The above are pedeed as \$2.00 each.

Flowering size are mear flowering size. (Few of a Mind Systiable)

- #1. Spidendron Difformie x Epidendion Floribunas. Causters of green Clewers on top of recd like steme from six to 10 inches tall. Should flower this year, 53.50 each.
- # 8 Epidendron Fragrans x Brassovola Cornata. Creba & Chararuse !. Thowers with chell shaped lips, cach about 1; inches in diameter. Plants of flowering size of \$3.00
- # 10. Rodrequesia Bocumda x Ono. Lenceshum. Byen the the pollin was used from an Oncidium, these produce flowers dike the Sperie Rodreguesta Secunda in coral to red sheden, amell flowers on each side of six to 15 inch long sprays. Flowering size at 0 3.50

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- #803 . Cattleya Mossiae Wagnerii x Cattleya Elizabeth Ann Thedford. Both parents are very good June flowering white Cattleyas. We do not have many of these still available. Plants in 2 inch pots at \$3.00
- #804. Cattleya Eleanore Alba x L.C. Peggy Huffman, fine splashed variety. All of these seedlings will not have splashed petals but those that do should be very beautifull. Summer flowering. Plants in 2½ inch pots at \$2.50. Larger plants in 3 inch pots at \$3.50
  - # 805. Cattleya Mossiae Wagnerii. A self cross of a very nice white, June flowering Mossiae. Plants in 2 inch pots at \$2.50.
  - #806. Cattleya Artic Snow x Cattleya S.E. Endicott. Both parents are choice pure whites with more than the usual amount of gold color in the lips and throats. Outstanding vigor. 2 inch pots at \$3.50.
  - #811. (C. Gatton Glory x L.C. SJ Bracy) x Cattleya Danile Markell.
    Both fine yellows with purple, gold veined lips. We expect little or no crippling in this cross as both parents are free of it. These plants have more vigor than most yellow cattleya hybrids. Plants in 2 inch pots at \$3.00 .Larger plants in 2½ inch pots at \$3.50.
  - #813. Cattleya Artic Snow x Cattleya Maggie Bartell. White flowered parents that are outstanding for substance and size. Flowering season may vary but many should be spring flowering. Plants in 2 inch pots at \$3.00 each.
  - #815. Cattleya Gatton Ruby x Cattleya Carl Swope. These are outstanding dark purple, summer flowering hybrids with large gold areas in the throats, prolific flowering -4 to 6 large flowers on the spike. Plants in 2 inch pots at \$3.00
  - #814. Cattleya Carmen x Cattleya Ida S. Myers. Both parents are beautifull purple flowered June Hybrids. These seedlings may vary in shade of color and markings and season. Plants in 2 inch pots at \$3.00
  - #818. Brasso-Laelia Mrs. M. Gratrix. The hybrid of Laelia Cinnabarina and Brassovola Digbyana. For something really different and outstanding with deep yellow to orange flowers with fringed lips. plants in 2 inch pots at  $\frac{1}{2}$ .50 which should start to flower next year. Smaller plants in  $1\frac{1}{2}$  inch pots at \$2.00
  - #819. Laelia Cinnabarina x C. Bob Betts variety Giant. A new approach in breeding for large yellow flowered Cattleya Hybrids Very interesting possibilities. Be sure not to miss this one. Plants in 2 inch pots at \$3.50. Smaller plants in  $1\frac{1}{2}$  inch pots at \$2,00.
  - #820. S.L.C. Montmiami . A red flowered variety crossed to an unamual white flowered variety from the same seed pod as the red. A very few plants available in  $1\frac{1}{2}$  inch pots at \$2.50 . Interesting possibilities.
  - #823. Laelia Purpurata, pure white variety. x Cattleya Artic Snow. Both of these parents are white flowered, however the seedlings of this cross MAY be colored in lavender shades. Very vigorus growing, should be spring flowering. Plants in 2 inch pots at \$3.00 each.
    - ( To avoid missunderstanding and possible delay in shipping, be sure to read our instructions on ordering.)

- fagg . Cathleys Mossise Wagnerti x Cattleys Elizabeth Ann Thedford. Both varents are very good June flowering white Gabtleyss. We do not have many of these still evailable. Flants in 2 inch pots at 15.00
- \$604. Cettleys Eleanore alog x L.C. Peggy Huliman, fine splanted varioty.
  All of these seedlings will not have splashed petals but there there was secould be very beautifull. Summer flowering, Plants in 23 inch posset of \$2.50. Larger plants in 3 inch posset at 3.50.
  - % 805. Cattleya Mossise Wagnerii. A self cross of a very nice white, June flowering Mossise. Plants in 2 inch pots, at \$2.50.
  - #806. Cattleys Artic Snow x Cattleys S.E. Endicett. Poth purents are chotce pure whites with more than the datal smount of gold color in the lips and throats. Outstanding vigor. 2 inch pots at \$3.50.
  - #811. (G. Gotton Glory x L.C. SJ Fracy) x Cattleya Danile Markell. Foth fine yellows with purple, gold veined lips. We expect little or no arippling in this cross as both parents are free of it. These plants have more vigor than most yellow cattleys hybrids. Plants in 2 inch pots at 63.60 .Larger glants in 2 inch
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  - #818. Prosec-Baelia Mrs. M. Gratrix. The hybrid of hackle Cinestaring and broscovola Cighyana. For something really different and ratebacting with common yellow to orange liowers with fringed ligs. plants in 2 luch pots so with chould start to flower next year: Smaller plants in 11 and 12.00
    - #219. Logia Cinnabarina x 0. Bob Detts variety Giant. A new approach in breeding for large vellow flowered Cattleya Hy rids Very interesting possibilities. Be sure not to mist this one. Tiants in 2 inch pous at \$1.50. Smaller plants in 12 inch pous at \$2.00.
    - #820. S.L.C. Montmiami . A red flowered variety crossed to an unabual white flowered variety from the same send pod as the red. a vall flowered plants available in it inch poss at \$2.50 . Interesting possiblities as
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      - ( To rood miseunderstanding and possible delay in shipping, be sure to read our instructions on ordering.)

- Plants in  $1\frac{1}{2}$  inch pots. A few in 2 inch pots.
- # 824. B.L.C. Ojai x Cattleya Artic Snow. An extreamly large Yellow brasso crossed with a white Cattleya. Only a few plants available in la inch pots at \$2.50 each.
- #835. Cattleya Leopoldii x Cattleya Harrisonae. This has been named C. Lucienna. Interesting possibilities in a bifoliate Hybrid. Plants in 2 inch pots at \$2.50.
- #836. Laelia Briscis x Self. Interesting possibilities in this inbred strain. Dwarf growing plants which should have white thru yellow to orange flowers in various sizes. Plants in  $1\frac{1}{2}$  inch pots at \$1.50 @
- #837. S.L.C. Montmiami(rare white variety) x (Cattleya Snow Song x C. Mossiae Wagnerii). Both parents whites with very heavy substance and wonderfull keeping qualities. Should be outstanding as a winter to spring flowering white. Plants. Plants in 2 inch pots at \$3.00 each.
- #838. Cattleya Artic Snow x C. Artic Snow. Both parents with the entire lip gold colored with small white border. Very unusual and rare color combination. Plants in 2 inch pots at \$3.50. a few in  $1\frac{1}{2}$  at \$2.00
- # 845. Cattleya Priscilla Alba x C. Mary Chilton Alba. Both parents are outstanding whites with purple lips. Mostly winter flowering. Only a few plants left in 12 inch pots at \$2.00 each.
- #846. Laelia-Cattleya Ida S. Myers x L.C. Ida S. Myers. Line breeding of two very outstanding fine dark colored EASTER flowering hybrids from the same seed pod. Plants ready for larger pots but still in 12 inch pots at \$2.50 while they last.
- #850. Cattleya Leopoldii x Cattleya Hardyana Alba. Should be simular to Cattleya Sydney T. Wright. A bifoliate with clusters of plum thru bronze-purple shades, some with red-purple dots on the petals, others without. Plants in 2 inch pots \$2.50. in 12 inch pots at \$1.50
- # 851. Cattleya Guttata variety Wintergreen x (C. White Empress x C. Bebee White). This Guttata produces large sprays of very attractive gree flowers with tiny red dots. Crossed to this large White Cattleya Hybric which has almost as heavy substance as a Cymbidium this should produce a new valuable Bifoliate hybrid in unusual colors during the winter. Plants in 2 inch pots at \$3.50 Smaller plants in 12 inch pots at \$2.00
  - #852. C. Guttata var. Wintergreen x L.C. Luminosa, a bronze and yellow variety. Another new bifoliate with lots of vigor which should produce bronze thru yellow flowers with purple lips, of medium size and many on each spike. Plants in 2 inch pots at \$3.50. in 12 inch pots at \$2.00
  - #853. C. Guttata var. Wintergreen x C. Joyce Hannington, fine white. Simular to cross # 851 above. Crosses like these hold the key to a new world of adventure and delight. 2 inch at \$3.50... 12 inch at \$2.6
  - #854. L.C. Alcobaca, nile green variety x B.L.C. Tercutain Alba. An experimental cross which is interesting. Result unknown. 12 inch at \$2.00 each. Most of these are dwarf growing and will probally never be large growing plants.

The proof of the second of the nt slinflore camply will by ...... The hope of the second The state of the s Control of the Control of the Control es in-Congression de service de la constant de la c in the cold two all made transmit from the taken hand and the cold we nesterious que en fait de en est for entre des entre de construir de la con The concentration is a first specific specific particle of the concentration of the concentra . I . Calviloya Frincilla and Jamy Chilipan diby. Brock paragra on o plan igatem with meaning frank items to deep five action which is not provided in the contract of the contra Mish, Leelia-Antoleya Ila 3. Myorr x 1.6. Ida 8. Myors. Line broodie the view sends and a line of the first confirmation of the first send of the send of the first and a first send of the f is and good of the State of the same 9890. Casticya Leopoldii x Detrik a Bordynea elba. Should be simular order of the form Symmet Y. Harring. A bigained with clearage of pitches as archard-carple shades, some rad hard-carp is done on the permise, of nord withheads. Flores in 2 inch pote shade shade # 452. Cartleya Outegra variety Wittergreen x (C. Whice broress x 2. tobed teite), This caracter produces large so regarde very extraction with reserve applied of attack spells what of bousdry about her tage done served Flacks in a final to as about fraid that and the colors which are the restant product of the water in Flacks in a final pour of the water in Flacks in a final pour of the final pour plants in it for a final pour of the pour of the final pour of t while y parts and a coordinate of it. O. institutes at the yelling to the size define their to be a long of the size of which size in the size of A. J. Clark to I in I door door love I is in it inches in it. The second production of a suppose that the second of the second ្រុំស្នាន់ ស្ត្រីស្នាន់ ស្រែងនេះ ស្ត្រីស្នាន់ ស្រែក្រុងស្រីស្រែស ស្រេច ស្រេច ស្រេច ស្រែក្រុង ស្រេច ស្រែក្រុង ស ស្រុសស្នា ស្ត្រី ស្ថិត ស្ថិត ស្ថិត ស្ថិត ស្រេស ស្រេច ស្រែក្រុង ស្រែក្រុង ស្រេច ស្រេច ស្រេច ស្រេច ស្រេច ស្រេច ស ក្រុមស្រា ប្រធានិស្សកិច្ច និងស្រែក្រុង ស្រែក្រុងស្រួក ស្រែក្រុង ស្រែក្រុង ស្រេក្សា ស្រែក្រុង ស្រុក ស្រែក្រុង ស

Seedlings in 12 to 2 inch pots.

#870. Cattleya Guttata var. Wintergreen x B.L.C. Zanthinette. Chartruse green variety. This Guttata has large chasters of green flowers with red dots. Zanthinette is Charturse green with yellow lip. Interesting possibilities in this hybrid. Plants in 12 inch pots \$2.00. 2 inch pots Fall and winter season. at \$3.50 each.

#872 Cattleya Enid Alba x Laelia Anceps Alba. Both parents are white flowered with purple lips. Very vigorus seedlings which should produce Medium size flowers on long spikes. Because of this Laelia Parent these will probally withstand lower temperatures than most Cattleya Hybrids. (Winter flowering) Plants in la inch pots at \$2.00.

#875. Cattleya Harrisonae(red dotted Variety) x L.C. Daniel Markell, fine Yellow Variety. This should result in the darkest red-purple flow ered Bifoliate Hybrids that have been offered to date. Should be summer to fall blooming. Plants in  $1\frac{1}{2}$  inch pots at \$2.00

#877. Oncidium Tigrinium x Oncidium Forbesii. A new Hybrid in Oncidiums Should result in golden to copper bronze flowers on long spikes, of the dancing lady type. plants in  $1\frac{1}{2}$  inch pots at \$2.00

We believe that the greatest pleasure to be found in growing orchids is the thrill of flowering a new hybrid seedling for the first time. This is especially true now with the new bifoliate types which are producing new colors and types. These bifoliates are rapidly replacing the older large flowered varieties as cut-flowers and as plants for hobby growers as they are more vigorus and usually easier to grow. We have flowered many new colors such as reds, true pinks, greens, orange and apricot shades but we seldom have any of these new colors to offer in flowering size plants because we do not have the room to grow many of these seedlings to flowering size and those we do keep until maturity are reserved for cut-flower and breeding purposes. We seem to be continually building more greenhouses and yet during 1959 we were able to fill only a little more than half of the orders we received for mature plants.

Please don't ask for larger size plants than those listed. We just dont have them.

The size, number and quality of the flowers on a young orchid plant will continue to improve for several years after the first flowering and of course the size, number and quality, as well as the shade of color depends on many cultural factors, such as heat, light, amount and type of food given the plant as well as upon the skill and experience of the grower. No one can produce good flowers on a plant which has inherited poor quality but on the other hand an inexperienced grower who does not give his plants proper care or allows them to become diseased can expect only poor quality flowers of poor color, (if his plants bloom at all) even from the best quality plants of top notch breeding.

As a beginer, you should not expect the same results that are obtained by an experienced grower. To grow orchids successfully you have to like the plants well enough to WANT to learn the requirements of each type and be willing to put enough thought, planning and effort into trying to provide these requirements. No one can tell you how many times a week to water your plants no more than they can tell you how many times each day you require a drink of water, Temperature, Humidity and amount of air circulation varies from day to day and from place to place. YOU have to learn how to tell when the plant is dry enough to need water

and this same reasoning applies to other factors too.

Bucklim's in this ico Ricci pouch The control of the co #872 Cereleye Faid alba x Leelas Arceps albai doun rarelan ure shira Plessed whell puiple algor Pery vigorus nachibage ahlen shira should rodune Aledina ilao ilovidi od finginpigani. Loculiu el filis elaine facilia forma. Villi probelly villistend locus berperataris locu. Plimes in lightrop pour ob per but per lette. fars, Catologa Martisones(rod getted Variety) & L. C. Dansel Warrell, Fire Toliow Vorlety? Interstate result in the deright red-proble lion eres himselete lybride check to dece. Thouse to swammer to the interstate the swammer to the second to the states in the idea of \$2.00 payer On didition Tigrishan of Ones divin Perbesh W. A new Ayenid on Onesion of The list products in this color of the characteristic of the first speciments of the color of the color of the characters of the characters of the color of the characters of the color of the color of the characters we bely ale that the prestest is assert to be stown in growing profits is the third of Mowening a new bylydd soedling for the Mary ela di This is carcostly the now with the ball was all sisters at aid. producing one caldro and wines. It is no bifoliates are maridly to be close the lings in the calder lings are lines. in the second of oraneo estirrorisedo etádico bre ima selita e tara entre entre of chego bei to bit or in flowering stan plants bremise we called that the lone of the lone of green stands of the lone of the lone of the lone of the flowering sine and those we do do do do the stands to be continued by building more green to be continued by building more than the followers we was were that of the contrast we and the same and the same and These cont sem tor larger sine plends than these listed. Wi just dont The gist over and quality of the flavers or a young overal class and to der provocti berti adt ratio easy terrios att ovorcar of howoth ficulo to shade sid as flow to, os will to shade of evise of a character. on many cultural lactors, and quartey, by the last of a season of local continues of the local continues of the season with the continues of the season of t ourlity but on the coler hold an inexperienced survey at no the his his plants who does not his plants plant ones or allows the boots of seased cen expert in as most flaggard of the factor root to seems to be continued to be come from the test enality plants of eggs reco the a beginning out thouse it is expected the case as a serious sor, more as a by or experient proving the grow encirals successfully yet becaused to very the contraction of the contracti anival sant amothe by sycumber, simuche figurate one on and athe ed fore to provide these requirements. Not one orn tail you now many that a meed to weter your junts adjust that they am this you his week was a security of a security of air circuitston warion in the to day anterior place to a security of air circuitston warion in its day to day anterior the place to place to place the place and when the place at the place and which the place at the place are considered the serve reactions and whis serve reactions applies to object sacress ser.

#883. Cattleya Empress Bells x Cattleya Mission Dolores. Both parents are very nice whites. The flowering season will very but many should bloom during the winter.

12 inch pots. @ \$1.50

#890. Cattleya Harrisonae. Two Exceptionally fine dark colored plants of C. Harrisonae were used as parents. Fine varieties of Cattleya Harrisonae are scarse and because of the color, size and wenderfull keeping qualities of these selected types, they are amoung the best of Cattleyas as cut-flowers. Both Parents produce from nine to eleven wide petaled flowers per spike. They keep after cutting better than many varieties of Cymbidiums.

#891(Cattleya Snow Song x C. Mossiae Wagnerii) x Cattleya Bob Betts, Variety Giant. The Pod parent is (as far as we can determine) an unnamed hybrid. It produces Medium size, very heavy textured flowers with wide petals and perfect shape. The Bob Betts used here is a very large(8 Inches in diameter) white Cattleya of heavy texture and substance. Winter into late spring flowering season. 12 inch pots @ 1.50

#892. Laclia Brescis, orange colored variety x to C. Bob Betts var. Giant. A speculative cross. Laclia Brescis is the hybrid of the pure white form of Laclia Purpurata and the orange-red laclia Harpophyllum. The Color in L. Harpophyllum is dominate so at least part of these seedlings should produce yellow to orange colored flowers of good sise and substance AND with good vigor which is lacking in many of the yellow hybrids offered by growers today. Plants in 12 inch pots & 51.50

#897. L.C. Peggy Huffman, fine splashed variety x C. Bob Betts var. Purity. The petals of this pod parent are marked with deep red-pirple like the lip, against a light background. This Bob Betts was used because of its perfect shape and wonderfull substance. At least some of these seedlings should be splashed. plants in 12 inch pots @1.50

#898. Cattleya Harrisonae, fine dark variety x (C. Enid x L.C. Massoit) All of our Harrisonae hybrids that have flowered for us to date have proven to be very worth while. This cross should produce light to medium colored flowers with intense(deep) purple lips, during late fall and winter months. If you like bifoliates, dont miss this. 12 inch.1.50

- # 901. Sophronites Grandifloss x Cattleys Artic Snow, fine white with gold lip variety. Judging from the size of these seedlings it is hard to believe that thier mother was the bright red flowered Sophronites Grandiflors that only grows from four to six inches in height. We expect deep pink to bright red flowers from this hybrid. Only a few of these available at \$5.00 each in 12 inch pots. Limit of two plants to each customer so all of my customers will have a CHANCE to try it.
- 902. (L.C. Gatton Glory x L.C. SJ Braey.) crossed to (BLC Afterglow x C. Brussells Alba. Both Parents are fine varieties even the they are still unmamed. The Pod parent is a bright orange with red lip flower of fine shape and substance, about six inches in diameter, sometimes larger. The pollin parent is a very large flower of fine shape and substance and soft cream-yellow in color encluding the lip. These seedlings will vary greatly in size and color. Some very fine and unusual colors should result. plants in 12 inch pots \$\phi\$1.50 each.

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- Seedlings in  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inch pots. See prices and sizes offered under each variety.
- # 858. Angraecum Eburneum. The green star orchid. Petals green, lip is white. Grouth habit like a large Vanda. Up to 12 or more flowers per spike with 4 to six spikes produced on a large plant each flowering peroid in the winter. Easy to grow. Plants in 2½ inch pots at \$3.00
- #859. C. Artic Snow x L.C. Peggy Huffman, fine splashed Variety.
  Another cross made to secure more of the beautifull splashed varieties of Cattleya Hybrids which have proven so popular. Plants in 1½ inch pots at \$2.00. Larger plants in 2 inch pots at \$3.50 each.
- #860 . C. Leopèldii x L.C. Peggy Huffman, fine splashed variety. An experimental cross which should produce some unusual color combinations very vigorous growers. Plants in  $1\frac{1}{2}$  inch pots at \$1.50. Larger plants in 2 to  $2\frac{1}{2}$  inch pots at \$2.50.
- # 862. Oncidium Concolor. One of the more rare specie Oncidiums. Seldom offered. Plants in  $1\frac{1}{2}$  inch pots at \$2.00 each.
- #863. Cattleya Harrisonae, red dotted variety x Cattleya Maggie Bartell (white) We look forward to this producing some of the best of the bifoliates in light pink shades, some of which may have flowers covered with tiny red dots. Very heavy substance and medium size flowers. Plants in  $1\frac{1}{2}$  inch pots at \$2.00. larger size in 2 inch at \$3.50 each.
- #864. L.C. Peggy Huffman x C. Georgie Aldridge. Both parents are selected varieties with splashes of color on the tips of the petals to match the darker lip color. A much larger percentage of this cross should have splashed flowers, althouthe size and shape will vary more than with some of the other crosses made with only one Splashed Parent. Plants in 1½ inch pots at \$1.50. Larger plants in 2 inch pots @\$3.00
- #865. Cattleya Iris x C. Iris. Both parents have flowers of deep orange color and are outstanding for size and shape. Line breeding like this should result in quite a variation in shape and color as well as size. No crippling of flowers in this strain unless the plants become infected with virus diseases which will cause crippling of the flowers on any of the Cattleyas. Healthy disease free plants offered you at \$2.00 each in  $1\frac{1}{2}$  inch pots. \$3.50 each in 2 inch pots.
- #866. Cattleya Guttata, var. Wintergreen. x Laelia Harpophyllum. Interesting possibilities. Probally resulting in cluster type flowers in Yellow thru orange shades, star shapped. Plants in 12 inch pots \$2.00
- #867. L.C. Alcobaca x B.L. Helen. Both parents are green flowered. This will result in a great variety of sizes, shapes and colors. No two plants may produce flowers alike. Only a few plants available in  $1\frac{1}{2}$  inch pots at \$2.50 each. We expect most of these to be dwarf growing.
- #868. Cattleya Iris, Orange Variety x L.C. Daniel Markell, fine Yellow. This should result in vigorous plants with large yellow, chartruse to bronze flowers with purple lips. Plants in  $1\frac{1}{2}$  inch pots at \$2.00 Larger plants in 2 inch pots at \$3.50.
- #869. C. Iris, orange variety x Cattleya Artic Snow. A Combination holding great prospects for the unusual and beautifull in new bifoliate Hybrids. Of course some of these will only have one leaf per bulb. Plants in  $1\frac{1}{2}$  inch pots at \$2.00. Larger plants in 2 inch pots \$3.50

Scotlings in 15 to 20 inch pola, Sec prives and State offered under

\$ 858. Angraecom Eburneon. The green star orchid. Fetals grach, lip is white. Growth habit like a large Vands. Up to 12 of more flowers par spike with h to six spikes produced on a large plant cach flowering peroid in the the winter. Dasy to grow. Plants in 2g inch pots at \$4.00

#859. 0. Artic Cnow x 5.6. Persy Buffman, fine splanhed Variety.
Amother cross made to ceeping more of the bosutifull silashed varieties of Cattleya Hybrids which have proven so copular, ilants in 1g inch pots at \$2.00. Larger plants in 2 inch pots at \$3.50 each.

#250 . C. Leopdidii x L.C. Pongy Builman, time splashed variety. An experimental order which should produce some unusual color combinations wary vigorous growers. Plants in La inch pots at Jl.50. Larger plants in 2 to 25 inch pots at Jl.50.

# \$62. Oneidiam Concolor. One of the more rare specie Orcidiams. Seidom exflered: Flants in 15 inch pots st \$2:00 each:

#863. Cattleya Harrisonae, red dotted variety, x Cattleya Maggir Bartell (white) he look forward to this producing some of the best of the bifoliates in light pink shades, some of which may have flowers sovered with tiny red wots. Very heavy substance and medium size flowers. Plants in it inch pots at \$2.00. larger size in 2 inch at \$5.50 outh.

ASSI, I.C. Peggy Haffman x C. Codegia Aldridge: Both parents are selected varieties with aplaches of color on the tips of the patals to match the darker lip color. A much larger percentage of this raise should have trinshed flowers; although the size and shape will transfer then then with some of the other crosses made with only one Splatted I rent. Plants in it inch pots at \$1.50. Larger plants in 2 inch pots at \$1.50.

#865. Cattleys Iris x C. Iris, book parants have flowers of desp orange color and are outstanding for size and shape. Line breeding lake this should result in outteen vertacion in shape and color as well as size. No orippling xr flowers in this atrain unless the plants become inlected with ricus discases which will cause crippling ur the ilowers on any or the discases the line plants of the fact of cach in the inch pouss. 13.50 each in 2 inch pouss.

#566. C. tleys Gustasa, var. Wintergreen, x. Laslis Marcophyllum. Interesting nessibilities, Protaily resulting in cluster type flowers in Vallor thru orange shedos; star anappad. Flants to 1: inch pots J2.00

#867. L.C. Alcobaca x B.I. Holen. Both parents are green flowered. This will result in a great variory of class; shapes and colors. Roleins of the colors and colors, Roleins of the plants available in the arch pots at \$12.50 each. We expect most of these he or exart growing.

#865, Cathleya Iris,Orange Varnety x L.C. Daniel Abriell, fur Yellow.
This should result in vigorous plants with large youlow, chartures to bronze flowers with partie line. Plants in L inch pots at \$2.00 Larger plants in 2 inch pots at \$3.50.

"869. C. Iris, orange varioty a Cattleya Artic Snow. A Combination to Joing great prospects for the unusual and beautifult in new bifoliate Hybrids. Of course some of these will only have one leaf par bulb. Thanks in it inch pots at \$2.00. Larger plants in 2 inch pots 55.50

Plants in two to three inch pots. Some of our orchids start to flower in this size pot. These plants are from one to two years older than the plants offered in only  $l\frac{1}{2}$  inch pots.

#779. Cattleya Chamberlainana, Red flowered variety. x Laelia Zanthina . Many of this cross have already flowered, some are yellow color like the Laelia Parent, others are Yellow bordered with red, others are bronze Etc. Flowers from  $2\frac{1}{2}$  to  $3\frac{1}{2}$  inches in diameter, may be larger as the plants become mature. Fall thru the winter flowering season. Please do not order any certain color as most of the plants that have flowered to date are already sold. Plants in 2 to  $2\frac{1}{2}$  inch pots at 42.50 each. Larger plants in three inch pots at 3.50 each.

#780. L.C. Doris. The Hybrid of Cattleya Trianae and Laelia Harpophy-llum. This is a cluster type spray orchid flowering during the winter with bright orange flowers, each three to four inches in diameter, when the plants are mature. Plants in 2 to  $2\frac{1}{4}$  inch pots at \$2.50. Larger plants in  $2\frac{1}{2}$  to 3 inch pots at \$3.50. Most of this larger size should flower next winter.

#788. Cattleya Joyce Hannington, a beautifull large white crossed to L.C. Schroderae which is a hybrid of Laelia Purpurata variety Carnea and is a pure white with a solid colored RED LIP. We do not know just what will result here as far as the color. All of these should flower during the winter and early spring. Plants in  $2\frac{1}{2}$  inch pots at \$3.00

#790. Brassia Verrucosa x Miltonia Spectabilis var. Bicolor. A very large flowered (15 inches in diameter) spider orchid crossed to the warm growing braziliam Miltonia which is white with a lavender blotch on the lip. Result still unknown but we predict something exciting and unusual. plants in  $2\frac{1}{2}$  inch pots at \$2.50. some of these should flower this year.

#791. Brassia Verrucosa x Miltonia Spectabilis variety Mooreliana. Simular to above cross except the Miltonia has deep purple flowers. This should give a different color range from the above. Plants in  $2\frac{1}{2}$  inch pots at \$2.50 each.

#795. Oncidium Splendidium x Oncidium Cavendishianum. A brand new cross still unflowered at the time this list was made up but it should start to flower this year. This cross has received considerable publicity because of the unusual chromosome count which may result in something very unusual. Two sizes of plants. \$2.50 and \$5.00 each.

#797-801. Cattleya Beopoldii. A very unusual and hard to find bifoliate specie. Both parents are very choice selected types. One of them has green flowers, the other produces bronze, pueple spotted flowers. Both grow five feet above the pot and have large flower heads of 25 to 45 blooms, each  $3\frac{1}{2}$  to  $4\frac{1}{2}$  inches in diameter. A very spectacular orchid, Plants in three sizes, at \$3.00-\$4.00 and \$5.00 each. the larger size should have the first flowers this fall but of course the first time they flower they usually have only 2 to 5 flowers of smaller size.

#802. Cattleya Harrisonae, fine dark type x Cattleya Hardyana, very dark. This is a repeat cross of our (best to date) Harrisonae crosses. Flowers during the summer and early fall months with clusters of 4 to 5 inch beautiful dark lavender to purple flowers with golden markings in the throats and lips, of very heavy substance. Wonderfull cut-flowers. Plants in  $2\frac{1}{2}$  inch pots at \$3.50 each.

Plants in two to three inch pots. Some of our orchids start to ilower in this size .cov. These plants tage .Arem one, to two years older than ... the clands of bered in only is inclosed to #779. Cattleys Chamberleinans, Led Flowered rariety, x luclin Lanthins . Many of this cross have already flowered, some are yellow color like the haelia Parent, others are tropse Red: Blowers from 25 to 35 inches in dispeter may be larger as the plants become moture; Fall thru the winter flowerist season. Dieses do not: order any certain color; as most of the plants that have ilowered to date are already sold. Plants in 2 to 2; inch pose at 22.50 each. Larger plants in three inch pots at 33.10 sech. 4 1 1 1 #780. L.C. Doris. The Hybrid of Cettleya Trianse and Laclia Harpophylium, This is n. cluster type saray exchid flowering during the winter with bright orange tlewers, each three-to four inches in diameter, whin the plants are mature. Plants in 2 to 22: inch pots at 52,50. Larger plants in 25 to 3 inch pots at \$3.50. Most of this larger size should lower next winder. 88. Cattleva Joyce Mannington, a beautifull large white crossed to 1.6. Schroderse which is a hybrid of Locita, furpurate variety. Cornea and is a pure white with a solid coloned RED. LIP . We do not know just what will result here as far as the color; All of these should flower during the winter and early apring .. Plants in 24 inch pets at \$3.00 #790. Brassia Verrucosa x Miltonia Spectabilis var. Bicolor. A very large flowered (15 taches in drameter) spider orchid crossed to the 1.....

warm growing breziliam Wiltonia which is white with a lavender blotch on the lip. Result still vakuewn but we prodict senetling exciting and unusual, plants in 24 inch pots at 12:50, some of those should, flower this veer.

#791. Brassia Verrucosa x Miltonia Spectabilia variety Mooreliana. Stealer to above cross except-the Miltonia has drep purple; flowers. his should give a different color range from the above. Flants in 23 inch pots at \$2,50 each.

1795. Oneidium Spiendidium x Oneidium Covendishianum. A breed new eross stall willowered at the time this list was made up but it should start to flower this year This cross has received considerable publicity because of the annamed chromosome court which may result in something very angual, two sizes of parties, \$4.50 and \$5.00 each.

F797-001. Outcleys Beopoldii. A very unusual and hard to find biloliate enter Forth parents are very choice schecked types. One of them hes green flowers, the other produces bronze, nucyle spotted Mowers. Moth grow five feet above the pot and have large flower heads of 25 to 1.5 blooms, each 32 to 45 inches in diameter. A very spectacular or n. a. Flamms in three sizes, at \$3.00-\$1.00 and 55.00 coch, the larger size should have the first flowers this fail but of course the life. they flower they usually have only 2 to 5 thowers of shaller dive.

#202. Gartheya Harrisonae, fine dark type x Cattleya Hardyens, v. ry derk. This is a repeat orest of our (bost to date) Harrisonae cry. sea. of a lo erassite dies edinom lieft visco has maintee and prints erawolk. 5 inch besutiful dark lavender to purple thousers with golden marking, in the bardats and lips, of very heavy substance. Funderly, 11 cut-flowers. who has notify the training